UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. 2003B094

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

| Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an envention entitled: Process for Xylene Isomerization and Ethylbenzene Conversion and invented by: David L. Stern If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: | Alexandria, VA 22313-1450 | 89 0/(|
|---|--|-----------|
| Process for Xylene Isomerization and Ethylbenzene Conversion and invented by: David L. Stern Cantinuation Divisional Continuation-in-part (CIP) of prior application No.: | Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for | |
| If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Philing fee as calculated and transmitted as described below Specification having 22 pages and including the following: a. Descriptive Title of the Invention b. Cross References to Related Applications (if applicable) c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Description of the Drawings (if filed) | invention entitled: Process for Yvione Isomerization and Ethylbenzene Conversion | |
| If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Philips a continuation Divisional Continuation-in-part (CIP) of prior application No.: Application Elements 1. Serial Filing fee as calculated and transmitted as described below 2. Sepecification having 22 pages and including the following: a. Descriptive Title of the Invention b. Cross References to Related Applications (if applicable) c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) | Process for Aylene Isomerization and Ethylbenzene Conversion | |
| If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Philips a continuation Divisional Continuation-in-part (CIP) of prior application No.: Application Elements 1. Serial Filing fee as calculated and transmitted as described below 2. Sepecification having 22 pages and including the following: a. Descriptive Title of the Invention b. Cross References to Related Applications (if applicable) c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) | | |
| If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Philips a continuation Divisional Continuation-in-part (CIP) of prior application No.: Application Elements 1. Serial Filing fee as calculated and transmitted as described below 2. Sepecification having 22 pages and including the following: a. Descriptive Title of the Invention b. Cross References to Related Applications (if applicable) c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) | | |
| If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Application Elements 1. Image: Filing fee as calculated and transmitted as described below 2. Image: Specification having 22 pages and including the following: a. Image: Descriptive Title of the Invention b. Cross References to Related Applications (if applicable) c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) | and invented by: | |
| Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Enclosed are: Application Elements 1. ☑ Filing fee as calculated and transmitted as described below 2. ☑ Specification having | David L. Stern | |
| Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Enclosed are: Application Elements 1. ☑ Filing fee as calculated and transmitted as described below 2. ☑ Specification having | | |
| Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Enclosed are: Application Elements 1. ☑ Filing fee as calculated and transmitted as described below 2. ☑ Specification having | | |
| Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Enclosed are: Application Elements 1. Specification having 22 pages and including the following: a. Descriptive Title of the Invention b. Cross References to Related Applications (if applicable) c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) | If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: | |
| Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Which is a: □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Enclosed are: Application Elements 1. ☑ Filing fee as calculated and transmitted as described below 2. ☑ Specification having <u>12</u> pages and including the following: a. ☑ Descriptive Title of the Invention b. □ Cross References to Related Applications (if applicable) c. □ Statement Regarding Federally-sponsored Research/Development (if applicable) d. □ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. ☑ Background of the Invention f. ☑ Brief Summary of the Invention g. □ Brief Description of the Drawings (if filed) | ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: | |
| Which is a: Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Enclosed are: Application Elements 1. ☑ Filing fee as calculated and transmitted as described below 2. ☑ Specification having | Which is a: | |
| Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No.: Enclosed are: Application Elements | ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: | |
| Application Elements 1. Filing fee as calculated and transmitted as described below 2. Specification having pages and including the following: a. Descriptive Title of the Invention b. Cross References to Related Applications (if applicable) c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) | Which is a: | |
| Application Elements 1. | ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: | |
| Application Elements 1. | Enclosed are: | |
| 2. Specification having pages and including the following: a. ☑ Descriptive Title of the Invention b. ☐ Cross References to Related Applications (if applicable) c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable) d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. ☒ Background of the Invention f. ☒ Brief Summary of the Invention g. ☐ Brief Description of the Drawings (if filed) | | |
| 2. Specification having pages and including the following: a. ☑ Descriptive Title of the Invention b. ☐ Cross References to Related Applications (if applicable) c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable) d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. ☒ Background of the Invention f. ☒ Brief Summary of the Invention g. ☐ Brief Description of the Drawings (if filed) | 1 🕅 Filing fee as calculated and transmitted as described below | |
| a. ☒ Descriptive Title of the Invention b. ☐ Cross References to Related Applications (if applicable) c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable) d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. ☒ Background of the Invention f. ☒ Brief Summary of the Invention g. ☐ Brief Description of the Drawings (if filed) | | |
| b. □ Cross References to Related Applications (if applicable) c. □ Statement Regarding Federally-sponsored Research/Development (if applicable) d. □ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. ☒ Background of the Invention f. ☒ Brief Summary of the Invention g. □ Brief Description of the Drawings (if filed) | 2. Specification having pages and including the following: | |
| b. □ Cross References to Related Applications (if applicable) c. □ Statement Regarding Federally-sponsored Research/Development (if applicable) d. □ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. ☒ Background of the Invention f. ☒ Brief Summary of the Invention g. □ Brief Description of the Drawings (if filed) | a M. Doscriptive Title of the Invention | |
| c. Statement Regarding Federally-sponsored Research/Development (if applicable) d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) | · | |
| d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix e. Background of the Invention f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) | | |
| e. ☑ Background of the Invention f. ☑ Brief Summary of the Invention g. ☐ Brief Description of the Drawings (if filed) | c. Statement Regarding Federally-sponsored Research/Development (if applicable) | |
| f. Brief Summary of the Invention g. Brief Description of the Drawings (if filed) | d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix | |
| g. Brief Description of the Drawings (if filed) | e. 🗵 Background of the Invention | |
| | f. 🛛 Brief Summary of the Invention | |
| h. 🗵 Detailed Description | g. Brief Description of the Drawings (if filed) | |
| • | h. 🗵 Detailed Description | |
| i. 🗵 Claim(s) as Classified Below | | |
| j. 🗵 Abstract of the Disclosure | | |

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. **2003B094**

Total Pages in this Submission

| | | Application Elements (Continued) | |
|-----|-------------|--|--|
| 3. | | Drawing(s) (when necessary as prescribed by 35 USC 113) | |
| | a. | □ Formal Number of Sheets | |
| | b. | ☐ Informal Number of Sheets | |
| 4. | X | Oath or Declaration | |
| | a. | ☑ Newly executed (original or copy) ☐ Unexecuted | |
| | b. | ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) | |
| | c. | ☑ With Power of Attorney ☐ Without Power of Attorney | |
| | d. | DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). | |
| 5. | | Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. | |
| 6. | | CD ROM or CD-R in duplicate, large table or Computer Program (Appendix) | |
| 7. | | Application Data Sheet (See 37 CFR 1.76) | |
| 8. | | Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) | |
| | a. | ☐ Computer Readable Form (CRF) | |
| | b. | ☐ Specification Sequence Listing on: | |
| | | i. CD-ROM or CD-R (2 copies); or | |
| | | ii. 🔲 Paper | |
| | C. | ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy | |
| | | Accompanying Application Parts | |
| 9. | X | Assignment Papers (cover sheet & document(s)) | |
| 10. | | 37 CFR 3.73(B) Statement (when there is an assignee) | |
| 11. | | English Translation Document (if applicable) | |
| 12. | X | Information Disclosure Statement/PTO-1449 Copies of IDS Citations | |
| 13. | | Preliminary Amendment | |
| 14. | \boxtimes | Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | |
| 15. | | Certified Copy of Priority Document(s) (if foreign priority is claimed) | |
| 16. | \boxtimes | Certificate of Mailing | |
| | | ☐ First Class ☒ Express Mail (Specify Label No.): EV 193 614 987 US | |
| | | | |

UTILITY PATENT APPLICATION TRANSMITTAL (Larg Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 2003B094

Total Pages in this Submission

| | Accompanying Application Parts (Continued) |
|-----|--|
| . 🗀 | Additional Enclosures (please identify below): |
| | |
| | |
| | |
| | Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2) |
| . 🗆 | Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application. |
| | Warning |
| | An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional. |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Dated: September 11, 2003

cc:

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. 2003B094

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

Fee Calculation and Transmittal

| | <u></u> | CLAIMS | AS FILED | | | |
|---|---|---|----------------|----------|-----------------------|------------|
| For | #Filed | #Allowed | #Extra | _ | Rate | Fee |
| Total Claims | 37 | - 20 = | 17 | × | \$18.00 | \$306.00 |
| Indep. Claims | 2 | - 3 = | 0 | × | \$84.00 | \$0.00 |
| Multiple Dependent | Claims (check | if applicable) | | _ | | \$0.00 |
| | | | | | BASIC FEE | \$750.00 |
| OTHER FEE (speci | fy purpose) | | | | | \$0.00 |
| | | | | | TOTAL FILING FEE | \$1,056.00 |
| as described bel Charge Credit at Charge Charge | ereby authorize low. the amount of ny overpaymen any additional f | \$1,056.00 t. filing fees require et in 37 C.F.R. 1. | as filing fee. | t Accour | nt No. 05-1712 | |

Edward F. Sherer Reg No. 29,588

Customer No. 23,455

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 C.F.R. 1.10)

In re David L. Stern § Before the Examiner Not Yet Assigned Application of: §

Serial No.: AWAITED § Group Art Unit No. Not Yet Assigned Filed: September 11, 2003 §

For: Process for Xylene Isomerization and Ethylbenzene Conversion § Attorney Docket No.: 2003B094

MAIL STOP PATENT APPLICATION COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

[X] The undersigned hereby certifies having information and a reasonable basis for belief that this correspondence is being deposited with the United States Postal Service, "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 11, 2003.

Enclosed:

- Utility Patent Application Transmittal (37 C.F.R. 1.53(b)) with -22- page Specification;
- Declaration wth Power of Attorney:
- Transmittal of Information Disclosure Statement, PTO Form 1449 with copies of -4- references cited;
- Assignment with Recordation Form Cover Sheet;
- Fee Transmittal; and,
- Return Postcard
- [X] Charge \$1096.00 to Deposit Account No. 05-1712.
- [X] The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or credit any overpayment, to Deposit Account No. 05-1712. A duplicate copy of this Form is enclosed.

September 12, 2003

Date of Signature

Attorney or Agent

Edward F. Sherer

Registration No. 29,588 Telephone No. (281) 834-5933 Facsimile No. (281) 834-2495

Post Office Address (to which correspondence is to be sent):

ExxonMobil Chemical Company Law Technology

P. O. Box 2149

Baytown, Texas 77522-2149

Customer No. 23,455